

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/562,769  
Source: 1Fw0  
Date Processed by STIC: 8/14/06

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 08/14/2006

PATENT APPLICATION: US/10/562,769

TIME: 10:59:37

Input Set : F:\CELL-0308.ST25.txt

Output Set: N:\CRF4\08142006\J562769.raw

3 <110> APPLICANT: Heywood, Sam Philip  
 4 Humphreys, David Paul  
 6 <120> TITLE OF INVENTION: MODIFIED ANTIBODY FRAGMENTS  
 8 <130> FILE REFERENCE: CELL-0308  
 10 <140> CURRENT APPLICATION NUMBER: US 10/562,769  
 C--> 11 <141> CURRENT FILING DATE: 2005-12-29  
 13 <150> PRIOR APPLICATION NUMBER: PCT/GB2004/002871  
 14 <151> PRIOR FILING DATE: 2004-07-01  
 16 <150> PRIOR APPLICATION NUMBER: GB 0315457.2  
 17 <151> PRIOR FILING DATE: 2003-07-01  
 19 <160> NUMBER OF SEQ ID NOS: 20  
 21 <170> SOFTWARE: PatentIn version 3.3  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 8  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Artificial Sequence  
 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: Synthetic Construct  
 31 <400> SEQUENCE: 1  
 33 Asp Lys Thr His Thr Cys Pro Pro  
 34 1 5  
 37 <210> SEQ ID NO: 2  
 38 <211> LENGTH: 8  
 39 <212> TYPE: PRT  
 40 <213> ORGANISM: Artificial Sequence  
 42 <220> FEATURE:  
 43 <223> OTHER INFORMATION: Synthetic Construct  
 45 <400> SEQUENCE: 2  
 47 Asp Lys Thr His Thr Cys Ala Ala  
 48 1 5  
 51 <210> SEQ ID NO: 3  
 52 <211> LENGTH: 11  
 53 <212> TYPE: PRT  
 54 <213> ORGANISM: Artificial Sequence  
 56 <220> FEATURE:  
 57 <223> OTHER INFORMATION: Synthetic Construct  
 59 <400> SEQUENCE: 3  
 61 Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala  
 62 1 5 10  
 65 <210> SEQ ID NO: 4  
 66 <211> LENGTH: 11  
 67 <212> TYPE: PRT  
 68 <213> ORGANISM: Artificial Sequence

## RAW SEQUENCE LISTING

DATE: 08/14/2006

PATENT APPLICATION: US/10/562,769

TIME: 10:59:37

Input Set : F:\CELL-0308.ST25.txt

Output Set: N:\CRF4\08142006\J562769.raw

70 <220> FEATURE:  
71 <223> OTHER INFORMATION: Synthetic Construct  
73 <400> SEQUENCE: 4  
75 Asp Lys Thr His Thr Cys Ala Ala Cys Pro Ala  
76 1 5 10  
79 <210> SEQ ID NO: 5  
80 <211> LENGTH: 8  
81 <212> TYPE: PRT  
82 <213> ORGANISM: Artificial Sequence  
84 <220> FEATURE:  
85 <223> OTHER INFORMATION: Synthetic Construct  
87 <400> SEQUENCE: 5  
89 Gly Gly Gly Gly Gly Cys Ala Ala  
90 1 5  
93 <210> SEQ ID NO: 6  
94 <211> LENGTH: 7  
95 <212> TYPE: PRT  
96 <213> ORGANISM: Artificial Sequence  
98 <220> FEATURE:  
99 <223> OTHER INFORMATION: Synthetic Construct  
101 <400> SEQUENCE: 6  
103 Asp Lys Pro Thr Cys Ala Ala  
104 1 5  
107 <210> SEQ ID NO: 7  
108 <211> LENGTH: 8  
109 <212> TYPE: PRT  
110 <213> ORGANISM: Artificial Sequence  
112 <220> FEATURE:  
113 <223> OTHER INFORMATION: Synthetic Construct  
115 <400> SEQUENCE: 7  
117 Asp Lys Pro Pro Thr Cys Ala Ala  
118 1 5  
121 <210> SEQ ID NO: 8  
122 <211> LENGTH: 8  
123 <212> TYPE: PRT  
124 <213> ORGANISM: Artificial Sequence  
126 <220> FEATURE:  
127 <223> OTHER INFORMATION: Synthetic Construct  
129 <400> SEQUENCE: 8  
131 Asp Pro Pro Pro Thr Cys Ala Ala  
132 1 5  
135 <210> SEQ ID NO: 9  
136 <211> LENGTH: 9  
137 <212> TYPE: PRT  
138 <213> ORGANISM: Artificial Sequence  
140 <220> FEATURE:  
141 <223> OTHER INFORMATION: Synthetic Construct  
143 <400> SEQUENCE: 9  
145 Ser Asp Lys Thr His Thr Cys Ala Ala

## RAW SEQUENCE LISTING

DATE: 08/14/2006

PATENT APPLICATION: US/10/562,769

TIME: 10:59:37

Input Set : F:\CELL-0308.ST25.txt

Output Set: N:\CRF4\08142006\J562769.raw

146 1 5  
149 <210> SEQ ID NO: 10  
150 <211> LENGTH: 10  
151 <212> TYPE: PRT  
152 <213> ORGANISM: Artificial Sequence  
154 <220> FEATURE:  
155 <223> OTHER INFORMATION: Synthetic Construct  
157 <400> SEQUENCE: 10  
159 Ser Ser Asp Lys Thr His Thr Cys Ala Ala  
160 1 5 10  
163 <210> SEQ ID NO: 11  
164 <211> LENGTH: 11  
165 <212> TYPE: PRT  
166 <213> ORGANISM: Artificial Sequence  
168 <220> FEATURE:  
169 <223> OTHER INFORMATION: Synthetic Construct  
171 <400> SEQUENCE: 11  
173 Ser Ser Ser Asp Lys Thr His Thr Cys Ala Ala  
174 1 5 10  
177 <210> SEQ ID NO: 12  
178 <211> LENGTH: 4  
179 <212> TYPE: PRT  
180 <213> ORGANISM: Artificial Sequence  
182 <220> FEATURE:  
183 <223> OTHER INFORMATION: Synthetic Construct  
185 <400> SEQUENCE: 12  
187 Gly Cys Ala Ala  
188 1  
191 <210> SEQ ID NO: 13  
192 <211> LENGTH: 8  
193 <212> TYPE: PRT  
194 <213> ORGANISM: Artificial Sequence  
196 <220> FEATURE:  
197 <223> OTHER INFORMATION: Synthetic Construct  
199 <400> SEQUENCE: 13  
201 Gly Lys Thr His Thr Cys Ala Ala  
202 1 5  
205 <210> SEQ ID NO: 14  
206 <211> LENGTH: 9  
207 <212> TYPE: PRT  
208 <213> ORGANISM: Artificial Sequence  
210 <220> FEATURE:  
211 <223> OTHER INFORMATION: Synthetic Construct  
213 <400> SEQUENCE: 14  
215 Gly Asp Lys Thr His Thr Cys Ala Ala  
216 1 5  
219 <210> SEQ ID NO: 15  
220 <211> LENGTH: 10  
221 <212> TYPE: PRT

## RAW SEQUENCE LISTING

DATE: 08/14/2006

PATENT APPLICATION: US/10/562,769

TIME: 10:59:38

Input Set : F:\CELL-0308.ST25.txt

Output Set: N:\CRF4\08142006\J562769.raw

222 <213> ORGANISM: Artificial Sequence  
224 <220> FEATURE:  
225 <223> OTHER INFORMATION: Synthetic Construct  
227 <400> SEQUENCE: 15  
229 Val Thr Lys Ser Phe Asn Arg Gly Glu Cys  
230 1 5 10  
233 <210> SEQ ID NO: 16  
234 <211> LENGTH: 10  
235 <212> TYPE: PRT  
236 <213> ORGANISM: Artificial Sequence  
238 <220> FEATURE:  
239 <223> OTHER INFORMATION: Synthetic Construct  
241 <400> SEQUENCE: 16  
243 Val Thr Lys Ser Phe Asn Arg Gly Cys Ser  
244 1 5 10  
247 <210> SEQ ID NO: 17  
248 <211> LENGTH: 10  
249 <212> TYPE: PRT  
250 <213> ORGANISM: Artificial Sequence  
252 <220> FEATURE:  
253 <223> OTHER INFORMATION: Synthetic Construct  
255 <400> SEQUENCE: 17  
257 Val Thr Lys Ser Phe Asn Arg Cys Glu Ser  
258 1 5 10  
261 <210> SEQ ID NO: 18  
262 <211> LENGTH: 10  
263 <212> TYPE: PRT  
264 <213> ORGANISM: Artificial Sequence  
266 <220> FEATURE:  
267 <223> OTHER INFORMATION: Synthetic Construct  
269 <400> SEQUENCE: 18  
271 Val Thr Lys Ser Phe Asn Cys Gly Glu Ser  
272 1 5 10  
275 <210> SEQ ID NO: 19  
276 <211> LENGTH: 10  
277 <212> TYPE: PRT  
278 <213> ORGANISM: Artificial Sequence  
280 <220> FEATURE:  
281 <223> OTHER INFORMATION: Synthetic Construct  
283 <400> SEQUENCE: 19  
285 Val Thr Lys Ser Phe Cys Arg Gly Glu Ser  
286 1 5 10  
289 <210> SEQ ID NO: 20  
290 <211> LENGTH: 10  
291 <212> TYPE: PRT  
292 <213> ORGANISM: Artificial Sequence  
294 <220> FEATURE:  
295 <223> OTHER INFORMATION: Synthetic Construct  
297 <400> SEQUENCE: 20

## RAW SEQUENCE LISTING

DATE: 08/14/2006

PATENT APPLICATION: US/10/562,769

TIME: 10:59:38

Input Set : F:\CELL-0308.ST25.txt

Output Set: N:\CRF4\08142006\J562769.raw

299 Val Thr Lys Ser Cys Asn Arg Gly Glu Ser  
300 1 5 10

VERIFICATION SUMMARY

DATE: 08/14/2006

PATENT APPLICATION: US/10/562,769

TIME: 10:59:39

Input Set : F:\CELL-0308.ST25.txt

Output Set: N:\CRF4\08142006\J562769.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date